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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER		
IXIO125417		
U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)		
10/538527		
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	EARLIEST PRIORITY DATE CLAIMED
PCT/JP02/12943	12/11/2002	12/11/2002
TITLE OF INVENTION		
COMMUNICATION SYSTEM, COMMUNICATION TERMINAL COMPRISING VIRTUAL NETWORK SWITCH, AND PORTABLE ELECTRONIC DEVICE COMPRISING ORGANISM RECOGNITION UNIT		
APPLICANT(S) FOR DO/EO/US		
Shunichi OSHIMA, Hikaru SAITO, Tomoaki NARAHARA, Shogo NAKAZATO, Haruhiro KIKKAWA, Takeshi OGI, Troy SCHAULS, Martin PAGEL		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- X 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- X 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- X 4. The US has been elected (Article 31).
- X 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- X a. is attached hereto (required only if not communicated by the International Bureau).
- b. has been communicated by the International Bureau.
- c. is not required, as the application was filed in the United States Receiving Office (RO/US).

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- X 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- a. are attached hereto (required only if not communicated by the International Bureau).
- b. have been communicated by the International Bureau.
- c. have not been made; however, the time limit for making such amendments has NOT expired.
- d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X 13. A preliminary amendment (including substitute specification and abstract).
14. An Application Data Sheet under 37 C.F.R. 1.76.
15. A substitute specification
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 – 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- X 20. Other items or information:
- a. X Copy of the International Search Report

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The following fees are submitted:.				CALCULATIONS	
21. <input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$300.00	
22. <input checked="" type="checkbox"/> b) Examination fee				\$200.00	
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00					
All other situations..... \$200.00					
23. <input checked="" type="checkbox"/> c) Search fee				\$400.00	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00					
International Search Report prepared and provided to the Office \$400.00					
All other situations..... \$500.00					
TOTAL OF ABOVE CALCULATIONS =				900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50=		x \$250	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	46- 20 =	26	x \$50.00	\$1300	
Independent claims	5 - 3 =	2	x \$200.00	\$ 400	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			+ \$360.00	\$ 360	
TOTAL OF ABOVE CALCULATIONS =				\$2960.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$1480.00	
SUBTOTAL =				\$1480.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$1480.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				\$	
TOTAL FEES ENCLOSED =				\$1480.00	
				Amount to be: refunded	\$
				Amount to be charged:	\$

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- X a. Check No. 164206 in the amount of \$1480.00 to cover the above fees is enclosed.
- X b. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

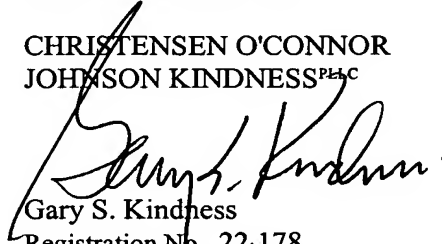
SEND ALL CORRESPONDENCE TO:

Customer No. 26389

Gary S. Kindness
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Respectfully submitted,


CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}


Gary S. Kindness
Registration No. 22,178
Direct Dial No. 206.695.1702

EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 566 975 341 US
Date of Deposit: June 10, 2005

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregg Peria-Hansen
(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

GSK:acw

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